

What is claimed is:

1. An apparatus comprising:
a retention member configured to extend through a first aperture in a wall
and having an internal surface and an external surface;
5 an air plate/diverter member extending from the internal surface of the
retention member; and
an alignment pin supported by the retention member and which extends
from the internal surface of the retention member to fixidly align the
retention member with the wall.
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2. The apparatus of claim 1 in combination with a base deck having a
side wall in mating contact with the internal surface of the retention member,
wherein the internal surface of the retention member is disposed adjacent an
external surface of the side wall, and the air plate/diverter member protruding
15 through the side wall.
3. The apparatus of claim 2 further comprises an alignment receptacle
provided by the base deck engaging the alignment pin to align the air plate/diverter
member relative to the side wall.
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4. The apparatus of claim 3 further comprising:
a mounting aperture provided by the retention member;
an attachment means engaging the mounting aperture; and
an attachment receptacle provided by the base deck, wherein the attachment
25 means communicates with the attachment receptacle to secure the
internal surface of the retention member adjacent the external
surface of the side wall of the base deck.
5. The apparatus of claim 4 further comprising a seal communicating
30 with the retention member while communicating with the base deck to preclude
migration of an environment adjacent the external surface of the base deck to an
environment adjacent the internal surface of the retention member.

6. The apparatus of claim 5, in which the seal is a tape seal pressingly engaging both the external surface of the base deck and the external surface of the retention member.
- 5 7. The apparatus of claim 5, in which the seal is a gasket disposed adjacent both the external surface of the base deck and the internal surface of the retention member.
8. The apparatus of claim 3, in which the base deck provides a diverter
10 mounting aperture adjacent the alignment receptacle, wherein the diverter mounting aperture promotes the protrusion of the air plate/diverter member through the side wall.
9. The apparatus of claim 8 further comprising:
15 a mounting aperture provided by the retention member;
an attachment means engaging the mounting aperture; and
an attachment receptacle provided by the base deck, wherein the attachment
means communicates with the attachment receptacle to secure the
internal surface of the retention member adjacent the external
20 surface of the side wall of the base deck.
10. The apparatus of claim 9 further comprising a seal communicating
with the retention member while communicating with the base deck to preclude
migration of an environment adjacent the external surface of the base deck to an
25 environment adjacent the internal surface of the retention member.
11. The apparatus of claim 10, in which the seal is a tape seal pressingly
engaging both the external surface of the base deck and the external surface of the
retention member.
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12. The apparatus of claim 10, in which the seal is a gasket adjacent the
attachment receptacle and disposed adjacent both the external surface of the base
deck and the internal surface of the retention member.

13. The apparatus of claim 11, in which the external surface of the base deck provides a recess surface, wherein the seal tape pressingly engages the recess surface.

5 14. The apparatus of claim 2 further comprises a spindle motor assembly supporting a disc, the spindle motor assembly attached to the base deck.

15. The apparatus of claim 14, in which the side wall comprises a plurality of sides, wherein each side of the plurality of sides is adjacent the disc.

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16. The apparatus of claim 15, in which the retention member having the air plate/diverter member and the alignment pin extending from the internal surface of the retention member, is a plurality of retention members each having an air plate/diverter member and an alignment pin extending from an internal surface
15 of each retention member, wherein each of the plurality of sides support one of the plurality of retention members having the air plate/diverter member and the alignment pin extending from the internal surface of the retention member.

17. A method for assembling a combination air plate and diverter to a base deck supporting a disc stack assembly having an attached disc, and having an actuator adjacent the disc and mounted to the base deck by steps comprising:

disposing the combination air plate and diverter through a side of the base deck and adjacent the disc;

sliding an alignment pin of the combination air plate and diverter into mating contact with an alignment receptacle of the base deck; and

sealing an internal environment of the base deck from intrusion by an environment external to the base deck.

18. A combination comprising:
a base deck having a diverter mounting surface; and
a combination air plate and diverter secured adjacent the diverter mounting
surface by steps for assembling a combination air plate and diverter
5 to a base deck.

19. The combination of claim 18, in which the combination air plate
and diverter comprises:
a retention member having an internal surface and an external surface;
10 an air plate/diverter member extending from the internal surface of the
retention member in a first direction; and
an alignment pin supported by the retention member extends from the
internal surface of the retention member in a second direction
substantially parallel to the first direction that the air plate/diverter
15 member extends.

20. The combination of claim 19, in which the diverter mounting
surface provides an alignment receptacle, and in which the steps for assembling a
combination air plate and diverter to a base deck are steps comprising:
20 disposing the combination air plate and diverter through a side of the base
deck and adjacent the disc;
sliding an alignment pin of the combination air plate and diverter into
mating contact with an alignment receptacle of the base deck; and
securing the combination air plate and diverter to the base deck with an
25 attachment means; and
sealing an internal environment of the base deck from intrusion by an
environment external to the base deck.

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